

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/525,633
Source: 205/10
Date Processed by STIC: 3/8/05

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 03/08/2005

PATENT APPLICATION: US/10/525,633

TIME: 10:13:05

Input Set : A:\LEA 36 293.ST25.txt

Output Set: N:\CRF4\03082005\J525633.raw

```

3 <110> APPLICANT: Bayer Healthcare AG
4     Yalkinoglu, Ozkan
5     Konig, Gerhard
6     Hochstrasser, Dennis Francois
7     Sanchez, Jean-Charles
8     Carrette, Odile
10 <120> TITLE OF INVENTION: Biomarkers for Diagnosing Alzheimer's Disease
12 <130> FILE REFERENCE: Le A 36 293
C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/525,633
C--> 14 <141> CURRENT FILING DATE: 2005-02-23
14 <150> PRIOR APPLICATION NUMBER: PCT/EP2003/008879
15 <151> PRIOR FILING DATE: 2003-08-11
17 <150> PRIOR APPLICATION NUMBER: EP02018283.8
18 <151> PRIOR FILING DATE: 2002-08-23
20 <150> PRIOR APPLICATION NUMBER: EP02026643.3
21 <151> PRIOR FILING DATE: 2002-11-29
23 <160> NUMBER OF SEQ ID NOS: 17
25 <170> SOFTWARE: PatentIn version 3.3
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 15
29 <212> TYPE: PRT
30 <213> ORGANISM: Homo sapiens
33 <220> FEATURE:
34 <221> NAME/KEY: MISC_FEATURE
35 <222> LOCATION: (1)..(2)
36 <223> OTHER INFORMATION: Xaa = any amino acid
38 <220> FEATURE:
39 <221> NAME/KEY: MISC_FEATURE
40 <222> LOCATION: (5)..(5)
41 <223> OTHER INFORMATION: Xaa = L or I
43 <220> FEATURE:
44 <221> NAME/KEY: MISC_FEATURE
45 <222> LOCATION: (10)..(10)
46 <223> OTHER INFORMATION: Xaa = Q or K
48 <220> FEATURE:
49 <221> NAME/KEY: MISC_FEATURE
50 <222> LOCATION: (13)..(13)
51 <223> OTHER INFORMATION: Xaa = L or I
53 <220> FEATURE:
54 <221> NAME/KEY: MISC_FEATURE
55 <222> LOCATION: (14)..(14)
56 <223> OTHER INFORMATION: Xaa = L or I
58 <400> SEQUENCE: 1

```

RAW SEQUENCE LISTING

DATE: 03/08/2005

PATENT APPLICATION: US/10/525,633

TIME: 10:13:05

Input Set : A:\LEA 36 293.ST25.txt

Output Set: N:\CRF4\03082005\J525633.raw

W--> 60 Xaa Xaa Ala Asp Xaa Ala Gly His Gly Xaa Glu Val Xaa Xaa Arg

61 1 5 10 15

64 <210> SEQ ID NO: 2

65 <211> LENGTH: 14

66 <212> TYPE: PRT

67 <213> ORGANISM: Homo sapiens

70 <220> FEATURE:

71 <221> NAME/KEY: MISC_FEATURE

72 <222> LOCATION: (1)..(14)

73 <223> OTHER INFORMATION: Xaa = L or I

75 <220> FEATURE:

76 <221> NAME/KEY: MISC_FEATURE

77 <222> LOCATION: (1)..(14)

78 <223> OTHER INFORMATION: Xaa = Leu or Ile

80 <400> SEQUENCE: 2

W--> 82 His Gly Thr Val Val Xaa Thr Ala Xaa Gly Gly Xaa Xaa Lys

83 1 5 10

86 <210> SEQ ID NO: 3

87 <211> LENGTH: 10

88 <212> TYPE: PRT

89 <213> ORGANISM: Homo sapiens

91 <400> SEQUENCE: 3

93 Val Asn His Val Thr Leu Ser Gln Pro Lys

94 1 5 10

97 <210> SEQ ID NO: 4

98 <211> LENGTH: 10

99 <212> TYPE: PRT

100 <213> ORGANISM: Homo sapiens

102 <400> SEQUENCE: 4

104 Val Glu His Ser Asp Leu Ser Phe Ser Lys

105 1 5 10

108 <210> SEQ ID NO: 5

109 <211> LENGTH: 13

110 <212> TYPE: PRT

111 <213> ORGANISM: Homo sapiens

113 <400> SEQUENCE: 5

115 Ile Glu Lys Val Glu His Ser Asp Leu Ser Phe Ser Lys

116 1 5 10

119 <210> SEQ ID NO: 6

120 <211> LENGTH: 22

121 <212> TYPE: PRT

122 <213> ORGANISM: Homo sapiens

124 <400> SEQUENCE: 6

126 Ser Asn Phe Leu Asn Cys Tyr Val Ser Gly Phe His Pro Ser Asp Ile

127 1 5 10 15

130 Glu Val Asp Leu Leu Lys

131 20

134 <210> SEQ ID NO: 7

135 <211> LENGTH: 9

RAW SEQUENCE LISTING

DATE: 03/08/2005

PATENT APPLICATION: US/10/525,633

TIME: 10:13:05

Input Set : A:\LEA 36 293.ST25.txt

Output Set: N:\CRF4\03082005\J525633.raw

```

136 <212> TYPE: PRT
137 <213> ORGANISM: Homo sapiens
139 <400> SEQUENCE: 7
141 Ala Ser Asn Asp Met Tyr His Ser Arg
142 1 5
145 <210> SEQ ID NO: 8
146 <211> LENGTH: 11
147 <212> TYPE: PRT
148 <213> ORGANISM: Homo sapiens
150 <400> SEQUENCE: 8
152 Ala Leu Asp Phe Ala Val Gly Glu Tyr Asn Lys
153 1 5 10
156 <210> SEQ ID NO: 9
157 <211> LENGTH: 12
158 <212> TYPE: PRT
159 <213> ORGANISM: Homo sapiens
161 <400> SEQUENCE: 9
163 Arg Ala Leu Asp Phe Ala Val Gly Glu Tyr Asn Lys
164 1 5 10
167 <210> SEQ ID NO: 10
168 <211> LENGTH: 16
169 <212> TYPE: PRT
170 <213> ORGANISM: Homo sapiens
172 <400> SEQUENCE: 10
174 Leu Val Gly Gly Pro Met Asp Ala Ser Val Glu Glu Glu Gly Val Arg
175 1 5 10 15
178 <210> SEQ ID NO: 11
179 <211> LENGTH: 16
180 <212> TYPE: PRT
181 <213> ORGANISM: Homo sapiens
183 <400> SEQUENCE: 11
185 Gln Ile Val Ala Gly Val Asn Tyr Phe Leu Asp Val Glu Leu Gly Arg
186 1 5 10 15
189 <210> SEQ ID NO: 12
190 <211> LENGTH: 17
191 <212> TYPE: PRT
192 <213> ORGANISM: Homo sapiens
194 <400> SEQUENCE: 12
196 Leu Val Gly Gly Pro Met Asp Ala Ser Val Glu Glu Glu Gly Val Arg
197 1 5 10 15
200 Arg
204 <210> SEQ ID NO: 13
205 <211> LENGTH: 17
206 <212> TYPE: PRT
207 <213> ORGANISM: Homo sapiens
209 <400> SEQUENCE: 13
211 Lys Gln Ile Val Ala Gly Val Asn Tyr Phe Leu Asp Val Glu Leu Gly
212 1 5 10 15
215 Arg

```

RAW SEQUENCE LISTING

DATE: 03/08/2005

PATENT APPLICATION: US/10/525,633

TIME: 10:13:05

Input Set : A:\LEA 36 293.ST25.txt

Output Set: N:\CRF4\03082005\J525633.raw

```

219 <210> SEQ ID NO: 14
220 <211> LENGTH: 18
221 <212> TYPE: PRT
222 <213> ORGANISM: Homo sapiens
224 <400> SEQUENCE: 14
226 Thr Gln Pro Asn Leu Asp Asn Cys Pro Phe His Asp Gln Pro Pro His
227 1          5          10          15
230 Leu Lys
234 <210> SEQ ID NO: 15
235 <211> LENGTH: 19
236 <212> TYPE: PRT
237 <213> ORGANISM: Homo sapiens
239 <400> SEQUENCE: 15
241 Thr Gln Pro Asn Leu Asp Asn Cys Pro Phe His Asp Gln Pro Pro His
242 1          5          10          15
245 Leu Lys Arg
249 <210> SEQ ID NO: 16
250 <211> LENGTH: 24
251 <212> TYPE: PRT
252 <213> ORGANISM: Homo sapiens
254 <400> SEQUENCE: 16
256 Ser Ser Pro Gly Lys Pro Pro Arg Leu Val Gly Gly Pro Met Asp Ala
257 1          5          10          15
260 Ser Val Glu Glu Glu Gly Val Arg
261          20
264 <210> SEQ ID NO: 17
265 <211> LENGTH: 20
266 <212> TYPE: PRT
267 <213> ORGANISM: Homo sapiens
269 <400> SEQUENCE: 17
271 Val Gly Glu Glu Asp Glu Glu Ala Ala Glu Ala Glu Ala Glu
272 1          5          10          15
275 Glu Ala Glu Arg
276          20

```

RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 03/08/2005

PATENT APPLICATION: US/10/525,633

TIME: 10:13:06

Input Set : A:\LEA 36 293.ST25.txt

Output Set: N:\CRF4\03082005\J525633.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1,2,5,10,13,14

Seq#:2; Xaa Pos. 6,9,12,13

VERIFICATION SUMMARY

DATE: 03/08/2005

PATENT APPLICATION: US/10/525,633

TIME: 10:13:06

Input Set : A:\LEA 36 293.ST25.txt

Output Set: N:\CRF4\03082005\J525633.raw

L:14 M:270 C: Current Application Number differs, Replaced Current Application No

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:60 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0

L:82 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0